## What is claimed is:

5

10

15

20

- 1. Modular pet furniture comprising:
  - a frame structure comprising a plurality of vertical support members, a plurality of horizontal cross members, and a plurality of joint members for interconnecting the vertical support members and the horizontal support members to form an array; and
  - a pet support structure comprising a pet support surface and an attachment mechanism operably attached thereto, wherein the attachment mechanism is removably attached to at least one of the vertical support members or the horizontal support members for maintaining the pet support surface in a position with respect to the frame structure.
- 2. The modular pet furniture of claim 1, wherein the attachment mechanism comprises:
  - a support frame having an outer perimeter, wherein the pet support surface is operably attached to the support frame; and
  - a plurality of support legs extending from the support frame.
- 3. The modular pet furniture of claim 2, wherein at least one of the horizontal support members has an aperture formed therein and wherein the aperture receives one of the support legs.

- 4. The modular pet furniture of claim 1, wherein the pet support surface is removably attached to the attachment means.
- 5. The modular pet furniture of claim 1, and further comprising a pet enclosure mounted with respect to the pet support surface to at least partially enclose the pet support surface.
  - 6. The modular pet furniture of claim 1, wherein the pet support surface is fabricated from fabricate or plastic.
- 7. The modular pet furniture of claim 1, wherein the vertical support members and the horizontal cross members are secured to the joint members with solvent cement, twist lock connectors, or set-screw fittings.
- 8. The modular pet furniture of claim 1 wherein the vertical support members, the horizontal cross members, and the joint members are fabricated from plastic, wood, metal, or combinations thereof.
  - 9. The modular pet furniture of claim 1, wherein the attachment mechanism allows the pet support to structure to be selectively positioned with respect to the frame structure.

10. A pet furniture frame structure comprising;

10

- a plurality of vertical support members;
- a plurality of horizontal support members;
- a plurality of joint members interconnecting the vertical support members and the horizontal support members to form an array of support regions; and a plurality of pet support surfaces removably attached in the support regions.
  - 11. The pet furniture frame structure of claim 10, wherein a bed structure is removably mounted in the support region.
  - 12. The pet furniture frame structure of claim 10, wherein a scratch pad is removably mounted in the support region.
  - 13. A method of forming modular pet furniture comprising:
- support members using a plurality of joint members, thereby forming a frame; attaching a bed structure to at least one horizontal support member; and fastening a pet support to the bed structure.
- 20 14. The method of forming modular pet furniture according to claim 13, further comprising attaching a fabric to at least one horizontal cross member to form a scratch pad.

15. The method of forming modular pet furniture according to claim 13, and further comprising attaching a platform to the top of the modular pet bed frame.